# RECORD LAYOUT OF THE MORTALITY HISTORICAL FILE FOR 2002 DATA

	Data It	ems	Tape Locations
1.	Genera	I	
	a.	Certificate Number	4-9
	b.	Sequence Number	12-18
	c.	Record Type	19
	d.	Resident status	20
	e.	Place of death and decedent=s status	75
	f.	Day of week of death	83
	g.	Date of data receipt	110-114
	h.	Data year	115-118
	i.	Manner of death	139
	j.	Activity code	140
	k.	Place of injury	141
2.	Occui	rrence	
	a.	Reporting Area	3
	b.	State	21-22,28
	c.	Expanded State	29-30
	d.	County	23-25
	e.	County Population size	49
	f.	Region	26
	g.	Division	27
	h.	FIPS State	119-120
	i.	FIPS County	121-123
3.	Resid	ence	
	a.	State	31-32,43
	b.	Expanded State	44-45
	c.	County	33-35
	d.	County Population size	50
	e.	City	36-38
	f.	City Population size	39
	g.	Met/Nonmet county	40
	h.	Region	41
	i.	Division	42
	j.	PMSA/MSA	46-48
	k.	PMSA/MSA Population size	51
	1.	FIPS State	124-125
	m.	FIPS County	126-128
	n.	FIPS Place	97-101
	0.	FIPS PMSA/MSA	129-132
	p.	FIPS CMSA	134-135
1.	The D	ecedent	
	a.	Date of Death	55-58

	b. c. d. e.	Sex Race Age Marital status	59 60-63 64-74 77
	f. g.	State of birth Hispanic origin	78-79 80-81,82
	Data	a Items	Tape Locations
	h. i.	Education Date of Birth	52-53, 54 102-109
2.	Und a. b. c. d. e. f. g.	IcD-10 code 358 cause recode 113 cause recode 130 cause recode 39 cause recode Place of injury Injury at work	142-145 <b>146-148</b> 151-153 154-156 <b>157-158</b> 141
3.	Mul	tiple Conditions	
	a.	Entity-Axis conditions  1. Number of  2. The conditions	160-161 162-301
	h.	Record-Axis conditions 1. Number of 2. The conditions	338-339 341-440

Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline				
1-2	2	Reserved Positions				
3	1	Reporting Area				
		The following codes used with the State of Occurrence codes, locations 21-22, identify separate reporting areas.				
		<ol> <li> Bronx borough, Bronx county</li> <li> Brooklyn borough, Kings county</li> <li> Manhattan borough, New York county</li> <li> Queens borough, Queens county</li> <li> Staten Island borough, Richmond county</li> <li> Chicago</li> <li> All other areas</li> </ol>				
4-9	6	Certificate Number Numbers are assigned within reporting areas.				
10-11	2	Reserved Positions				
12-18	7	Sequence Number 0000001- nnnnnn Each record is assigned an unique number.				
19	1	Record Type				
		1 RESIDENTS State and County of Occurrence and Residence are the same.				
		2 NONRESIDENTS State and/or County of Occurrence and Residence are different.				
20	1	Resident Status				
		United States Occurrence				
		1 RESIDENTS State and County of Occurrence and Residence are the				
		same. 2 INTRASTATE NONRESIDENTS				

# 2002

		Mortality M	ultiple Cause-of-Death Historical Record
Tape Location	Field <u>Size</u>	Item and Code	
		3 4	State of Occurrence and Residence are the same, but County is different. INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S. FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S.
20	1	Resident St	
		1	RESIDENTS Territory and County-equivalent of Occurrence and Residence
		2	are the same. INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but
		4	County-equivalent is different. FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.
		Virgin Islands	Occurrence
		1	RESIDENTS Territory and County-equivalent of Occurrence and Residence
		2	are the same. INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but

County-equivalent is different.

FOREIGN RESIDENTS

Occurred in Virgin Islands to a resident of any other place.

### **Guam Occurrence**

**RESIDENTS** 1

Occurred in Guam to a resident of Guam or to a resident of the

FOREIGN RESIDENTS

Occurred in Guam to a resident of any place other than Guam or the U.S.

### American Samoa Occurrence

1 ... **RESIDENTS** 

Territory and County-equivalent of Occurrence and Residence

Tape Location	Field <u>Size</u>	Item and Code Outline
		are the same.  INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.  FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place.
20	1	Resident Status - Con.
		Northern Marianas Occurrence
		<ol> <li> RESIDENTS         <ul> <li>Territory and County-equivalent of Occurrence and Residence are the same.</li> </ul> </li> <li> INTRASTATE NONRESIDENTS</li> </ol>
		Territory of Occurrence and Residence are the same, but
		County-equivalent is different. 4 FOREIGN RESIDENTS
		Occurred in Northern Marianas to a resident of any other place.
21-30	10	PLACE OF OCCURRENCE
		Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. Some Geographic Codes have changed to reflect the results of the 1990 Census.
21-22	2	State of Occurrence
		United States
		01 Alabama 02 Alaska 03 Arizona 04 Arkansas 05 California 06 Colorado 07 Connecticut 08 Delaware 09 District of Columbia 10 Florida 11 Georgia 12 Hawaii 13 Idaho

		-	•
Tape <u>Location</u>	Field <u>Size</u>	Item and Code	<u>Outline</u>
21-22	2	14 15 16 17 18 19 20 21 22 23 24 State of Occurr	Illinois Indiana Iowa Kansas Kentucky Louisiana Maine Maryland Massachusetts Michigan Minnesota
		25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Mississippi Missouri Montana Nebraska Nevada New Hampshire New Jersey New Mexico New York North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin Wyoming
		Puerto Rico 52	Puerto Rico
		Virgin Islands	r uerto Kilo
		53	Virgin Islands
		Guam	

Tape	Field	Itom and Cada	Outline	
<u>Location</u>	<u>Size</u>	Item and Code	<u>Outline</u>	
		54	Guam	
		American Sam	oa	
		61	American Samoa	
		Northern Maria	nas	
23-25	3	62 County of Occu	Northern Marianas urrence	
		001-nnn	Counties and county equivalent	coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.
26 27-28	1 2	Region Division and St	ate Subcode of Occurrence	
	_	States are code	ed within Division. 27 is Division. 28 is State subcode.	
		000  1 1 2 3 4 5 6 2 1 2 3 2 3 1 2	Not applicable: Puerto Rico, Vir American Samoa occurrence.  NORTHEAST New England Maine New Hampshir Vermont Massachusetts Rhode Island Connecticut Middle Atlantic New York New Jersey Pennsylvania MIDWEST East North Central Ohio Indiana	e

2002 Mortality Multiple Cause-of-Death Historical Record

Tape <u>Location</u>	Field <u>Size</u>	Item a	and Cod	de Outline	
			3		Illinois
			4		Michigan
			5		Wisconsin
		4			West North Central
			1		Minnesota
			2		Iowa
			3		Missouri
			4		North Dakota
			5		South Dakota
			6		Nebraska
			7		Kansas

# 26 1 <u>Region</u> 27-28 2 <u>Division and State Subcode of Occurrence - Con.</u>

3			 SOUTH	<u> </u>
	5			South Atlantic
		1		Delaware
		2		Maryland
		2 3 4 5		District of Columbia
		4		Virginia
		5		West Virginia
		6		North Carolina
		7		South Carolina
		8		Georgia
		9		Florida
	6			East South Central
		1		Kentucky
		2		Tennessee
		2		Alabama
		4		Mississippi
	7			West South Central
		1		Arkansas
		2		Louisiana
		3		Oklahoma
		4		Texas
4			 WEST	
	8			<u>Mountain</u>
		1		Montana
		2		Idaho
		2 3 4		Wyoming
		4		Colorado
		5		New Mexico
		6 7		Arizona
				Utah
		8		Nevada

Tape <u>Location</u>	Field <u>Size</u>	Item and Coo	de Outline		
		9		Pacific	
		1			Washington
		2			Oregon
		3			California
		4			Alaska
		5			Hawaii

# 29-30 2 <u>Expanded State of Occurrence Code</u>

This item is designed to separately identify New York City records from other New York State records.

### **United States**

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware District of Columbia Florida Georgia Hawaii Idaho Illinois Indiana lowa Kansas Kentucky Louisiana Maine Maryland Massachusetts Michigan Minnesota Mississippi Missouri
26	Missouri
27	Montana
28	Nebraska
20	เพียงเสริห์ส

2002 Mortality Multiple Cause-of-Death Historical Record

Tape Location	Field <u>Size</u>	Item and Code	<u>Outline</u>
	41	29 30 31 32 33 34 35 36 37 38 39 40 Rhoo	Nevada New Hampshire New Jersey New Mexico New York New York City North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania de Island South Carolina
29-30	2 <u>E</u>	xpanded State of	Occurrence - Con.
		43 44 45 46 47 48 49 50 51 52  Puerto Rico 53  Virgin Islands 54  Guam 55	South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin Wyoming Puerto Rico Virgin Islands Guam
		American Samo	oa American Samoa
		Northern Mariar 63	nas Northern Marianas
31-48	18	PLACE OF RES	SIDENCE
		Refer to the Gellist of areas and	ographic Code Outline further back in this document for a detailed codes.
31-32	2	State of Reside	<u>ence</u>

Tape <u>Location</u>	Field <u>Size</u>	Item and Code (	<u>Dutline</u>
		United States O	ccurrence
		01 02 03 04 05 06 07 08 09 10	Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware District of Columbia Florida Georgia
31-32		ate of Residence	_
	U.	S. Occurrence	Hawaii
		13	Idaho
		14	Illinois
		15	Indiana
			lowa
		17	Kansas
		18 19	Kentucky Louisiana
		20	Maine
		21	Maryland
		22	Massachusetts
		23	Michigan
		24	Minnesota
		25	Mississippi
		26	Missouri
		27	Montana
		28	Nebraska
		29	Nevada
		30	New Hampshire
		31 32	New Jersey New Mexico
		32 33	New York
		34	North Carolina
		35	North Dakota
		36	Ohio
		37	Oklahoma
		38	Oregon
		39	Pennsylvania
		40	Rhode Island
		41	South Carolina
		42	South Dakota
		43	Tennessee
		44	Texas
		45	Utah

		, <b>,,</b>
Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline
31-32	2 St	46 Vermont 47 Virginia 48 Washington 49 West Virginia 50 Wisconsin 51 Wyoming 52-57,59,61 Foreign residents 52 Puerto Rico 53 Virgin Islands 54 Guam 55 Canada 56 Cuba 57 Mexico tate of Residence - Con.
31-32		I.S. Occurrence
		59 Remainder of the world 61 American Samoa 62 Northern Marianas
		Puerto Rico Occurrence
		52 Puerto Rico 01-51,53- 57,59,61 Foreign residents: refer to U.S. for specific code structure.
		Virgin Islands Occurrence
		53 Virgin Islands 01-52,54- 57,59,61 Foreign residents: refer to U.S. for specific code structure.
		Guam Occurrence
		54 Guam 01-51 U.S. resident. Also considered a resident of Guam. 52-53,55-57, 59,61 Foreign residents: refer to U.S. for specific code structure.
		American Samoa Occurrence
		61 American Samoa
		<ul><li>01-57,</li><li>59 Foreign residents: refer to U.S. for specific code structure.</li></ul>
		Northern Marianas Occurrence
		62 Northern Marianas 01-57,
		59,61 Foreign residents: refer to U.S. for specific code structure.

Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline			
33-35	3	County of Resid	County of Residence		
		001-nnn	Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: to uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code outline further back in this document.		
		ZZZ	Foreign residents		
36-38	3	City of Residen	<u>ce</u>		
		001-nnn	Cities are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.)		
		999 ZZZ	balance of countyForeign residents		
39	1	Population Size	e of City of Residence		
		Based on the re	esults of the 1990 Census.		
		0 1 2 3 4 5 6 9 Z	Place of 1,000,000 or morePlace of 500,000 to 1,000,000Place of 250,000 to 500,000Place of 100,000 to 250,000Place of 50,000 to 100,000Place of 25,000 to 50,000Place of 10,000 to 25,000All other areas in the U.SForeign residents		
40	1	Metropolitan - N	Nonmetropolitan County of Residence		
			an Samoa, Guam and the Virgin Islands do not have any olitan areas.		
		1 2 Z	Metropolitan countyNonmetropolitan countyForeign residents		
41 42-43	1 2	Region Division and St	ate Subcode of Residence		

States are codes within Division. 41 is Region. 42 is Division. 43 is State

2002 Mortality Multiple Cause-of-Death Historical Record

Tono	Tiold		, , , , ,		
Tape <u>Location</u>	Field <u>Size</u>	Item and	d Code Outline		
		subcode	e. APPLICABL	E TO U	J.S. ONLY.
41-43	3 R	000 1	1 1 2 3 4 5 6		Foreign residents NORTHEAST New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut
41-43			d State of Resi	dence - (	<u>Con.</u>
		3	2 1 2 3 3 1 2 3 4 5 4 1 2 3 4 5 6 7 5 1 2 3 4 5 6 7 5 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 7 8 9 7 8 9 7 8 7 8 9 7 8 9 7 8 9 7 8 7 8		Middle Atlantic New York New Jersey Pennsylvania  MIDWEST  East North Central Ohio Indiana Illinois Michigan Wisconsin West North Central Minnesota Iowa Missouri North Dakota South Dakota Nebraska Kansas  SOUTH  South Atlantic Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida East South Central Kentucky Tennessee Alabama Mississippi West South Central Arkansas

2002 Mortality Multiple Cause-of-Death Historical Record

Tape Location	Field Size	Item aı	nd Code Outline				
		4	2 3 4 8 1 2 3 4 5		WEST	<u>Mounta</u>	Louisiana Oklahoma Texas  in Montana Idaho Wyoming Colorado New Mexico
41-43	3	gion <u>rision a</u>	nd State of Resid	lence - C	Con.		
			6 7 8 9 1 2 3 4 5			<u>Pacific</u>	Arizona Utah Nevada Washington Oregon California Alaska Hawaii

# 44-45 2 <u>Expanded State of Residence Code</u>

This item is designed to separately identify New York City records from other New York State records.

### United States Occurrence

01	Alabama
02	Alaska
03	Arizona
04	Arkansas
05	California
06	Colorado
07	Connecticut
80	Delaware
09	District of Columbia
10	Florida
11	Georgia
12	Hawaii
13	Idaho
14	Illinois
15	Indiana
16	lowa
17	Kansas
18	Kentucky
19	Louisiana
20	Maine

		•	•
Tape <u>Location</u>	Field <u>Size</u>	Item and Code	<u>Outline</u>
		21 22 23 24 25 26	Maryland Massachusetts Michigan Minnesota Mississippi Missouri
44-45	2 <u>Ex</u>	panded State of	Residence - Con.
		27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53-58, 60, 62 53 54 55 56 57 58 60 62	Montana Nebraska Nevada New Hampshire New Jersey New Mexico New York New York City North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington Washington West Virginia Wisconsin Wyoming Foreign Residents Puerto Rico Virgin Island Guam Canada Cuba Mexico Remainder of the world American Samoa

### Puerto Rico Occurrence

53 ... Puerto Rico 01-52, 54-

Tape	Field	
Location	Size	Item and Code Outline

58,60,62 ... Foreign residents: refer to U.S. for specific code structure.

Virgin Islands Occurrence

54 ... Virgin Islands

01-53,55-

58,60,62... Foreign residents: refer to U.S. for specific code structure.

### 44-45 2 <u>Expanded State of Residence - Con.</u>

### Guam Occurrence

55 ... Guam

01-52 ... U.S. resident. Also considered a resident of Guam.

53-54, 56-58,

60,62 ... Foreign residents: refer to U.S. for specific code structure.

### American Samoa Occurrence

62 ... American Samoa

01-58,

60 ... Foreign residents: refer to U.S. for specific code structure.

### Northern Marianas Occurrence

63 ... Northern Marianas

01-58,

60,62 ... Foreign residents: refer to U.S. for specific code structure.

### 46-48 3 NCHS PMSA/MSA of Residence

Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.

Further back in this document is a list of PMSA=s, MSA=s, NECMA=s, and their component counties.

000 ... Nonmetropolitan counties

001-311 ... Code range

999 ... Area of less than 100,000 population

ZZZ ... Foreign residents

### 49 1 Population Size of County of Occurrence

### Based on the results of the 1990 Census

0 ... County of 1,000,000 or more

1 ... County of 500,000 to 1,000,000

2 ... County of 250,000 to 500,000

Таре	Field	
<u>Location</u>	<u>Size</u>	Item and Code Outline
		3 County of 100,000 to 250,000 4 County of 50,000 to 100,000 5 County of 25,000 to 50,000 6 County of less than 25,000
50	1	Population Size of County of Residence
		Based on the results of the 1990 Census
		0 County of 1,000,000 or more 1 County of 500,000 to 1,000,000 2 County of 250,000 to 500,000 3 County of 100,000 to 250,000 4 County of 50,000 to 100,000 5 County of 25,000 to 50,000 6 County of less than 25,000 Z Foreign residents
51	1	PMSA/MSA Population Size
		Based on the results of the 1990 Census
		1 Area of 250,000 or more 2 Area of 100,000 to 250,000 3 Area of less than 100,000 9 Nonmetropolitan area Z Foreign residents
52-53	2	<u>Education</u>
		00 No formal education 01-08 Years of elementary school 09 1 year of high school 10 2 years of high school 11 3 years of high school 12 4 years of high school
	13	<ul> <li> 1 year of college</li> <li>14 2 years of college</li> <li>15 3 years of college</li> <li>16 4 years of college</li> <li>17 5 or more years of college</li> <li>99 Not stated</li> </ul>
54	1	Education Recode
		1 0 - 8 years 2 9 - 11 years 3 12 years 4 13 - 15 years

Tape <u>Location</u>	Field Size	Item and 5	nd Code Outline 16 years or more Not stated
55-58	4	DATE (	OF DEATH  (Note year of death is given in tape locations 115-118.)
55-56	2	Month o	of Death
		01 02 03 04 05 06 07 08 09 10 11	January February March April May June July August September October November December
57-58	2	<u>Day</u>	
		01-31 99	As applicable to month of death Not stated day of death
59	1	<u>Sex</u>	
		1 2	Male Female
60-63	4	RACE	
60-61	2	Detail F	Race

### United States Occurrence

Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18 - 68 replace old code 08 for these areas. Code 78 replaces old 08 for all other areas. For consistency with Census races, code 09 (all other races) has been imputed.

01 ... White 02 ... Black

03 ... American Indian (includes Aleuts and Eskimos)

04 ... Chinese 05 ... Japanese

06 ... Hawaiian (includes Part-Hawaiian)

		Mortality Multiple Cause-of-Death Historical Record
Tono	Field	
Tape Location	Size	Item and Code Outline
Location	<u> </u>	item and code Oddine
		07 Filipino
		18 Asian Indian
		28 Korean
		38 Samoan
		48 Vietnamese
60-61	2	Detail Race - Con.
		58 Guamanian
		68 Other Asian or Pacific Islander in areas reporting codes 18-58
		78 Combined other Asian or Pacific Islander, includes codes 18-68
		for areas that do not report them separately
		Puerto Rico Occurrence
		Tuerto Nico Occurrence
		00 Other races
		01 White
		02 Black
		Virgin Islands Occurrence
		01 White
		02 Black
		03 American Indian (includes Aleuts and Eskimos)
		04 Chinese
		05 Japanese
		06 Hawaiian (includes Part-Hawaiian)
		07 Filipino `
		08 Other Asian or Pacific Islander
		Guam Occurrence
		Guain Occurrence
		01 White
		02 Black
		03 American Indian (Includes Aleuts and Eskimos)
		04 Chinese
		05 Japanese
		06 Hawaiian (includes Part-Hawaiian)
		07 Filipino
		08 Other Asian or Pacific Islander
		58 Guamanian
		American Samoa Occurrence
		01 White
		02 Black
		03 American Indian (includes Aleuts and Eskimos)
		04 Chinese
		05 Japanese
		06 Hawaiian (includes Part-Hawaiian)
		07 Filipino
		08 Other Asian or Pacific Islander

Tape Location	Field <u>Size</u>	Item and Code Outline			
60-61	2	Detail Race - Con.  Northern Marianas Occurrence			
		<ul> <li>01 White</li> <li>02 Black</li> <li>03 American Indian (includes Aleuts and Eskimos)</li> <li>04 Chinese</li> <li>05 Japanese</li> <li>06 Hawaiian (includes Part-Hawaiian)</li> <li>07 Filipino</li> <li>18 Asian Indian</li> <li>28 Korean</li> <li>38 Samoan</li> <li>48 Vietnamese</li> <li>58 Guamanian</li> <li>68 Other Asian or Pacific Islander in areas reporting codes 18-58</li> <li>78 Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately</li> </ul>			
62	1	Race Recode 3			
		<ol> <li> White</li> <li> Races other than White or Black</li> <li> Black</li> </ol>			
63	1	Race Recode 2			
		1 White 2 All other races			
64-74	11	REPORTED AGE			
64-66	3	Detail Age			
		Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc.			
		0       01-99        Years less than 100         1       00-99        Years 100 or more         2       01-11,99        Months         3       01-03,99        Weeks         4       01-27,99        Days         5       01-23, 99        Hours         6       01-59, 99        Minutes         9       99        Age not stated			

Tape	Field	
Location	<u>Size</u>	Item and Code Outline

46

... 100 - 104 years

### 67-68

```
2
        Age Recode 52
        01
                ... Under 1 hour (includes not stated hours and minutes)
        02
                ... 1 - 23 hours
        03
                ... 1 day (includes not stated days)
        04
                ... 2 days
        05
                ... 3 days
        06
                ... 4 days
        07
                ... 5 days
        80
                ... 6 days
                ... 7 - 13 days (includes not stated weeks)
        09
        10
                ... 14 - 20 days
        11
                ... 21 - 27 days
                ... 1 month (includes not stated months)
        12
        13
                ... 2 months
        14
                ... 3 months
        15
                ... 4 months
        16
                ... 5 months
                ... 6 months
        17
        18
                ... 7 months
                ... 8 months
        19
        20
                ... 9 months
        21
                ... 10 months
        22
                ... 11 months
        23
                ... 1 year
        24
                ... 2 years
        25
                ... 3 years
        26
                ... 4 years
        27
                ... 5 - 9 years
                ... 10 - 14 years
        28
        29
                ... 15 - 19 years
                ... 20 - 24 years
        30
        31
                ... 25 - 29 years
        32
                ... 30 - 34 years
                ... 35 - 39 years
        33
        34
                ... 40 - 44 years
        35
                ... 45 - 49 years
        36
                ... 50 - 54 years
        37
                ... 55 - 59 years
        38
                ... 60 - 64 years
        39
                ... 65 - 69 years
        40
                ... 70-74 years
        41
                ... 75-79 years
                ... 80 - 84 years
        42
        43
                ... 85 - 89 years
        44
                ... 90 - 94 years
                ... 95 - 99 years
        45
```

2002 Mortality Multiple Cause-of-Death Historical Record

Tape Location	Field Size	Item and Code	Outline
Location	0120		
			5 - 109 years ) - 114 years
67-68	2	Age Recode 5	
			5 - 119 years ) - 124 years
			years and over
			e not stated
69-70	2	Age Recode 2	<u>7</u>
		01	Under 1 month (includes not stated weeks, days, hours, and minutes)
		02	1 month - 11 months (includes not stated months)
	03	1 year	
		04	2 years
		05	3 years
		06 07	4 years 5 - 9 years
		07	10 - 14 years
		09	15 - 19 years
		10	20 - 24 years
		11	25 - 29 years
		12	30 - 34 years
		13	35 - 39 years
		14	40 - 44 years
		15	45 - 49 years
		16 17	50 - 54 years
		10	55 - 59 years 60 - 64 years
		19	65 - 69 years
		20	70 - 74 years
		21	75 - 79 years
		22	80 - 84 years
		23	85 - 89 years
		24	90 - 94 years
		25	95 - 99 years
		26 27	100 years and over Age not stated
		21	Age not stated
71-72	2	Age Recode 12	<u>2</u>
		01	Under 1 year (includes not stated infant ages)
		02	1 - 4 years
		03	5 - 14 years
		04	15 - 24 years
		05	25 - 34 years
		06 07	35 - 44 years
		00	45 - 54 years 55 - 64 years
		09	65 - 74 years
			<b>,</b>

Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline				
		10	75 - 84 years			
71-72	2	Age Recode 12 - Con.				
		11 12	85 years and over Age not stated			
73-74	2	Infant Age	Recode 22			
		Blank 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22	Age 1 year and over or not stated Under 1 hour (includes not stated hours and minutes) 1 - 23 hours 1 day (includes not stated days) 2 days 3 days 4 days 5 days 6 days 7 days (includes not stated weeks) 14 - 20 days 21 - 27 days 1 month (includes not stated months) 2 months 3 months 4 months 5 months 6 months 7 months 8 months 9 months 10 months 11 months			
75	1	Place of De	eath and Decedent=s Status			
		1	Hospital, clinic or Medical Center - Inpatient			
		2	Hospital, Clinic or Medical Center - Outpatient or admitted to Emergency Room			
		3	Hospital, Clinic or Medical Center - Dead on Arrival			
		4	Hospital, Clinic or Medical Center - Patient status unknown			
		5	Nursing home			
		6	Residence			
		7	Other			
		9	Place of death unknown			

Tape Location	Field <u>Size</u>	Item and Code Outline		
76	1	Reserved Position		
77	1	Marital Status		
		1 2 3 4 8 9		Never married, single Married Widowed Divorced Marital Status not on certificate Marital Status not stated
78-79	2	State o	f Birth	
	04	01 02 03	Arkaı	Alabama Alaska Arizona
		05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	/ 11 Kd	California Colorado Connecticut Delaware District of Columbia Florida Georgia Hawaii Idaho Illinois Indiana lowa Kansas Kentucky Louisiana Maine Maryland Massachusetts Michigan Michigan Mississippi Mississippi Missouri Montana Nebraska New Hampshire New Hampshire New Jersey New Mexico New York North Carolina North Dakota
78-79	2	36 37 State o	f Birth - (	Ohio Oklahoma <u>Con.</u>

Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline		
		40 Rho 41 Sou 42 Sou 43 Ter 44 Tex 45 Uta 46 Ver 47 Virg 48 Wa 49 We 50 Wis 51 Wy 52 Pue 53 Virg 54 Gua 55 Car 56 Cut 57 Me 59 Rer 61 Am 62 Nord	insylvania ode Island oth Carolina oth Dakota onessee cas ch mont opinia shington st Virginia consin oming erto Rico opin Island om onada oa	
80-81	2	Hispanic Origin Beginning data year 19	997 all States report Hispanic Origin.	
		00 01 02 03 04 05 99	Non - Hispanic Mexican Puerto Rican Cuban Central or South American Other or unknown Hispanic Unknown	
82	1	Hispanic Origin/Race I	<u>Recode</u>	
83	1	1 2 3 4 5 6 7 8 9	Mexican Puerto Rican Cuban Central or South American Other or unknown Hispanic Non - Hispanic white Non - Hispanic black Non - Hispanic other races Hispanic origin unknown	
83	1	Day of Week of Death		

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Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline				
	6	1 2 3 4 5 	    Friday 	Sunday Monday Tuesday Wednesday Thursday Saturday		
		9		Unknown		
84-96	13	Reserved Po	<u>sitions</u>			

97-101 5 Place (city) of Residence (FIPS)

A complete list of cities is shown in the Geographic code outline further back in

Tape Location	Field <u>Size</u>	Item and Code Outline
		this document. Effective with the 1994 data year, the FIPS place code has been added to the Mortality record. It identifies each city of 100,000 population or more in 1990.
		00000 Foreign residents 00001-
		nnnnn code range 99999 Balance of county; or city of less than 100,000 population
102-109	8	DATE OF BIRTH
102-103	2	<u>Month</u>
		<ul> <li>01 January</li> <li>02 February</li> <li>03 March</li> <li>04 April</li> <li>05 May</li> <li>06 June</li> <li>07 July</li> <li>08 August</li> <li>09 September</li> <li>10 October</li> <li>11 November</li> <li>12 December</li> <li>99 Unknown</li> </ul>
104-105	2	<u>Day</u>
		<ul><li>01-31 As applicable to month of birth</li><li>99 Unknown day of birth</li></ul>
106-109	4	<u>Year</u> 1865-2001 Code range 9999 Unknown

110-114	5	DATE OF DATA RECEIPT	(DEMOGRAPHIC)

Date that demographic data is received at NCHS.

110-111 2 <u>Month</u>

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Tape Location	Field <u>Size</u>	Item and Code Outline			
		<ul> <li>01 January</li> <li>02 February</li> <li>03 March</li> <li>04 April</li> <li>05 May</li> <li>06 June</li> <li>07 July</li> <li>08 August</li> <li>09 September</li> <li>10 October</li> <li>11 November</li> <li>12 December</li> <li>99 Unknown</li> </ul>			
112-113	2	<u>Day</u>			
114	1	01-31 As applicable to month of receipt. <u>Year</u>			
		0 2002 1 2003			
115-118	4	Current Data Year			
		20022002			
119-132	14	FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES			
		Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications. Some geographic codes have been changed to reflect the results of the 1990 Census.			
119-120	2	State of Occurrence (FIPS)			
		United States			
119-120	2	01 Alabama 02 Alaska 04 Arizona 05 Arkansas 06 California State of Occurrence (FIPS) - Con.			
		08 Colorado 09 Connecticut 10 Delaware 11 District of Columbia			

Таре	Field		
<u>Location</u>	<u>Size</u>	Item and Code	<u>e Outline</u>
Location	Size	12 13 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 53 54 55 56	Florida Georgia Hawaii Idaho Illinois Indiana Iowa Kansas Kentucky Louisiana Maine Maryland Massachusetts Michigan Mississippi Missouri Montana Nebraska Nevada New Hampshire New Jersey New Jersey New Mexico New York North Carolina North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin Wisconsin Wyoming

# 119-120 2 <u>State of Occurrence (FIPS) - Con.</u>

Puerto Rico

72 ... Puerto Rico

Virgin Islands

Tape <u>Location</u>	Field <u>Size</u>	Item and Code	Outline	
		78		Virgin Islands
		Guam		
		66		Guam
		American Sam	oa	
		60		American Samoa
		Northern Maria	ınas	
		69		Northern Marianas
121-123	3	County of Occu	urrence	(FIPS)
		numbered alph population of 1 the state and c	abetica 00,000 ounty co	quivalents (independent and coextensive cities) are lly within each State and identify each county with a or more in 1990. (Note: To uniquely identify a county, both odes must be used.) A complete list of counties is shown e Outline further back in this document.
		001-nnn 999		Code range County of less than 100,000 population
124-125	2	State of Reside	ence (FI	PS)
124-125	2	00 01 02 04 05 06 08 09 10 11 12 13 15 16 17 State of Reside	Alas Ariz Ark Cali Cor Cor Del Dist Flor Gec Hav Idat Illind	ska rona ansas ifornia orado nnecticut aware trict of Columbia orgia vaii no
		18 19 20 21 22 23	Indi Iow Kar Ker Lou Mai	a Isas Itucky Isiana

Tape Location	Field <u>Size</u>	Item and Code Outline			
		24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 53 54 55 56	Michi Minn Missi Missi Misso Mont Neva New New New North North Ohio Oklal Oreg Penn Rhod South Tenn Texa Utah Verm Virgir Wash	achusetts gan esota ssippi puri ana aska da Hampshire Jersey Mexico York I Carolina I Dakota  Inoma I Carolina I Dakota  I Carolina I Dakota  I Carolina I Carolina I Dakota  I Carolina I Dakota  I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Carolina I Dakota I Dakota I Carolina I Dakota	
		Puerto Rico Oc	currence		
	72 00-5 78	00-56,60, 66,		Puerto Rico  Foreign residents: refer to U.S. for specific code structure.	
124-125	2	State of Reside	ence (FIP	S) - Con.	

### 124-125 State of Residence (FIPS) - Con.

# Virgin Islands Occurrence

78 00-56,60, 66, Virgin Islands

Foreign residents: refer to U.S. for specific code structure. 72

**Guam Occurrence** 

Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline		
		66 01-56 00, 60, 72, 78		Guam U.S. Resident. Also considered a resident of Guam. Foreign residents: refer to U.S. for specific code structure.
		American Samoa Occurrence		
		60 00-56, 66,		American Samoa
		72, 78		Foreign residents: refer to U.S. for specific code structure.
		Northern Marianas Occurrence		
		69 00-56,60,66		Northern Marianas
		72,78		Foreign residents: refer to U.S. for specific code structure.
126-128	3	County of Residence (FIPS)  Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.		
		000 001-nnn 999		Foreign residents Code range County of less than 100,000 population
129-132	4	PMSA/MSA of Re	esiden	ce (FIPS)
		those defined by t	the U.S	atistical Areas and Metropolitan Statistical Areas are S. Office of Management and Budget (OMB) as of 1990. New England County Metropolitan Areas (NECMA) are
129-132	4	Further back in this docuent is a list of PMSA=s, MSA=s, NECMA=s, and thei component counties.  PMSA/MSA of Residence (FIPS) - Con.		
		0000 0040-9360 9999	·· ··	Nonmetropolitan counties or foreign residents Code range Area of less than 100,000 population
133	1	Reserved Position	<u>n</u>	
134-135	2	CMSA of Residen	nce (FI	IPS)

Tape Location	Field <u>Size</u>	Item and Code Outline		
		Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Managemen and Budget (OMB) as of 1990.		
		All Areas		
		00		Not a CMSA
		United States C	Occurre	nce
		07 14 21 28 31 34 35 42 49 56		Boston - Worcester-Lawrence, MA-NH-ME-CT, CMSA Chicago - Gary-Kenosha, IL-IN-WI, CMSA Cincinnati - Hamilton, OH-KY-IN, CMSA Cleveland - Akron, OH, CMSA Dallas - Fort Worth, TX, CMSA Denver - Boulder-Greeley, CO, CMSA Detroit - Ann Arbor-Flint, MI, CMSA Houston - Galveston-Brazoria, TX, CMSA Los Angeles -Riverside- Orange County, CA, CMSA Miami - Fort Lauderdale, FL, CMSA
134-135	2	CMSA of Residence (FIPS)		
		63 70 77		Milwaukee - Racine, WI, CMSA New York -Northern New Jersey-Long Island, NY-NJ- CT-PA, CMSA Philadelphia - Wilmington-Atlantic City, PA-NJ-DE- MD. CMSA
		79 82 84 91 97		Portland - Salem , OR-WA, CMSA Sacremento - Yolo, CA, CMSA San Francisco -Oakland-San Jose, CA, CMSA Seattle - Tacoma-Bremerton, WA, CMSA Washington - Baltimore, DC-MD-VA-WV, CMSA
	Puerto Rico Occurrence		ce	
		87		San Juan -Caguas-Arecibo, PR, CMSA
136	1	Injury at Work		
		1 2 9		Yes No Unknown
137	1	Race Imputatio	n Flag	
		Blank 1 2		Race is not imputed Unknown race is imputed All other races, formerly code 09, is imputed

Tape Location	Field <u>Size</u>	Item and Code Outline		
138	1	Age Substitution Flag		
		If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age.		
		1 Calculated age is substituted for reported age		
139	1	Manner of Death		
		1 Accident 2 Suicide 3 Homicide 4 Pending investigation 5 Could not determine 6 Self-Inflicted 7 Natural blank Not specified		
140	1	Activity Code		
		<ul> <li>While engaged in sports activity</li> <li>While engaged in leisure activity</li> <li>While working for income</li> <li>While engaged in other types of work</li> <li>While resting, sleeping, eating (vital activities)</li> <li>While engaged in other specified activities</li> <li>During unspecified activity</li> <li>Not applicable</li> </ul>		
141	1	Place of Injury for Causes W00-Y34, except Y06 and Y07		
		0 Home 1 Residential institution 2 School, other institution and public administrative area		
141	1	Place of Injury for Causes W00-Y34, except Y06 and Y07Con.		
		Sports and athletics area  Street and highway  Trade and service area  Industrial and construction area  Industrial and construction area  Tam  Other Specified Places  Unspecified place  Blank  Causes other than W00-Y34, except Y06 and Y07		

Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline		
142-159	18	UNDERLYING CAUSE OF DEATH		
142-145	4	ICD Code (10 <sup>th</sup> Revision)		
		See the International Classification of Diseases, 1992 Revision, Volume 1.		
146-148	3	358 Cause Recode		
		A recode of the ICD cause code into 358 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.		
		001-456 Code range (not inclusive)		
149-150	2	Reserved Positions		
151-153	3	113 Cause Recode		
		A recode of the ICD cause code into 113 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.		
		001-135 Code range (not inclusive)		
154-156	3	130 Infant Cause Recode		
		A recode of the ICD cause code into 130 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.		
		001-158 Code range (not inclusive)		
157-158	2	39 Cause Recode		
		A recode of the ICD cause code into 39 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.		
		01-42 Code range (not inclusive)		
159	1	Reserved Position		
160-440	281	MULTIPLE CONDITIONS		
160-161	2	Number of Entity-Axis Conditions		

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Tape Location	Field <u>Size</u>	Item and Code Outline		
		00-20 Code range		
162-301	140	ENTITY - AXIS CONDITIONS		
		Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. <b>The 7<sup>th</sup> position will be blank.</b> Records that do not have 20 conditions are blank in the unused area.		
		Position 1: Part/line number on certificate		
		1 Part I, line 1 (a) 2 Part I, line 2 (b) 3 Part I, line 3 (c) 4 Part I, line 4 (d) 5 Part I, line 5 (e) 6 Part II		
		Position 2: Sequence of condition within part/line		
		1-7 Code range		
		Position 3 - 6: Condition code		
		See Table 1 for a complete list of codes		
162-168	7	1 <sup>st</sup> Condition		
169-175	7	2 <sup>nd</sup> Condition		
176-182	7	3 <sup>rd</sup> Condition		
183-189	7	4 <sup>th</sup> Condition		
190-196 162-301	7 140	5 <sup>th</sup> Condition ENTITY - AXIS CONDITIONS - Con.		
197-203	7	6 <sup>th</sup> Condition		
204-210	7	7 <sup>th</sup> Condition		
211-217	7	8 <sup>th</sup> Condition		
218-224	7	9 <sup>th</sup> Condition		
225-231	7	10 <sup>th</sup> Condition		

11<sup>th</sup> Condition

232-238

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Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline
239-245	7	12 <sup>th</sup> Condition
246-252	7	13 <sup>th</sup> Condition
253-259	7	14 <sup>th</sup> Condition
260-266	7	15 <sup>th</sup> Condition
267-273	7	16 <sup>th</sup> Condition
274-280	7	17 <sup>th</sup> Condition
281-287	7	18 <sup>th</sup> Condition
288-294	7	19 <sup>th</sup> Condition
295-301	7	20 <sup>th</sup> Condition
302-337	36	Reserved Positions
338-339	2	Number of Record-Axis Conditions
		00-20 Code range
340	1	Reserved Position (TRANSAX flag)
341-440	100	RECORD - AXIS CONDITIONS
		Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. <b>The 5<sup>th</sup> position will be blank.</b> Records that do not have 20 conditions are blank in the unused area.
		Positions 1 - 4: Condition Code
		See Table 1 for a complete list of codes
341-345	5	1 <sup>st</sup> Condition
346-350	5	2 <sup>nd</sup> Condition

3<sup>rd</sup> Condition

351-355

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Tape <u>Location</u>	Field <u>Size</u>	Item and Code Outline
356-360	5	4 <sup>th</sup> Condition
361-365	5	5 <sup>th</sup> Condition
366-370	5	6 <sup>th</sup> Condition
371-375	5	7 <sup>th</sup> Condition
376-380	5	8 <sup>th</sup> Condition
381-385	5	9 <sup>th</sup> Condition
386-390	5	10 <sup>th</sup> Condition
391-395	5	11 <sup>th</sup> Condition
396-400	5	12 <sup>th</sup> Condition
401-405	5	13 <sup>th</sup> Condition
406-410	5	14 <sup>th</sup> Condition
411-415	5	15 <sup>th</sup> Condition
416-420	5	16 <sup>th</sup> Condition
421-425	5	17 <sup>th</sup> Condition
426-430	5	18 <sup>th</sup> Condition
431-435	5	19 <sup>th</sup> Condition
436-440	5	20 <sup>th</sup> Condition